



NIRMALA COLLEGE MUVATTUPUZHA

Muvattupuzha P. O., Ernakulam Dist., Kerala - 686 661

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FOURTH CYCLE NAAC ACCREDITATION 2019

CRITERION 1

CURRICULAR ASPECTS

1.1.2. Number of certificate/diploma program introduced during last five years

WLCC17 CERTIFICATE COURSE-WILD LIFE BIOLOGY

Submitted to



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

CRITERION 1

CURRICULAR ASPECTS

WLBC17 CERTIFICATE COURSE-WILD LIFE BIOLOGY

1. SYLLABUS
2. STUDENTS LIST
3. ATTENDANCE REGISTER
4. ASSESSMENT PROCEDURE
5. SUMMARY REPORTS
6. CERTIFICATE
7. BROCHURE
8. MINUTES

CERTIFICATE COURSE IN WILDLIFE BIOLOGY

SYLLABUS

30 Hrs

Objectives: To make the students equipped with the knowledge of wildlife resources of India having emphasis to the principles and applications of various wildlife management techniques

Module I: Wildlife Resources of India with special reference to Kerala: Definition of wildlife, Brief account of mammals, birds, herpetofauna, fishes, invertebrates of Kerala, IUCN status (brief account) 7 hrs

Module II: Evaluation of Wildlife habitat: Define habitat – Forest habitat types (mangroves, moist deciduous, dry deciduous, semi evergreen, evergreen, shola forests)

3 hrs

Module IV: Human-Wildlife Conflicts and Wildlife Management:

Human-Wildlife Conflicts: Basic concepts, reason for conflicts, Identification of damages caused by wild animals and control measures. Case studies – Elephant, gaur, wild boar, monkey, tiger and leopard, Translocation of Wild animals – Principles, Methods and application. Traditional knowledge in wildlife conservation

8 hrs

Wildlife management: Threats and conservation issues (poaching, habitat loss, habitat fragmentation and habitat degradation, roadside kills, alien species, pollution, other anthropogenic activities, endemism etc.). Wildlife (Protection) Act, 1972 – IUCN – CITES – NBA – IBA – Project Tiger – Project Elephant – Project Crocodile

8 hrs

Module V: Wildlife Conservation: Definition, In-situ and ex-situ conservation. Case studies (Silent Valley National Park, Periyar Tiger Reserve).

4 hrs

Field Visit

Field visit to any wildlife protected area

References:

1. Saharia, V.B. 1982 Wildlife in India, Nataraj Publishers, Dehra Dun
2. Seshadri, B.1986 India's Wildlife reserves , Sterling Pub'rs Pvt. Ltd., New Delhi
3. Giles, R.H. Jr. (Ed) 1984. Wildlife Management Techniques 3rd edition. The wildlife Society, Washington. D.C. Nataraj Publishers,Dehradun. India
4. Dasmann, RF. 1964, Wildlife Biology. John and Wiley and sons Newyork. Pp231.
5. Robinson, WI. and Eric, G. Bolen, 1984. Wildlife Ecology and Management Mac Millan Publishing Co, Ny. Pp 478.
6. Menon, V. 2003. A Field Guide to Indian Mammals. Dorling Kindersley (India) Pvt. Limited
7. Thomas, A.P. (Ed) 2013. Biodiversity Scope and Challenges. Green leaf Publications, Kottayam
8. Sharma P.D. 2001. Ecology and Environment. Rastogi Pulications, Meerut
9. Daniel, J.C. 2002. The Book of Indian Reptiles and Amphibians, Oxford University Press, Mumbai
10. Daniels, R.J. R. 2002. Freshwater Fishes of peninsular India. Universities press (India) Private Ltd. Hyderabad
11. Tripheron, C.A. and Johnson, N.F. 2005. Borrer and Delong's Introduction to the Study of Insects. Brooks/Cole Ceanage Learning Ltd.
12. Vilanilam, J. V.Antony Palakkal, Sunny Luke, 2012, Inroduction to Kerala Studies. International Institute for Scientific and Academic Collaboration, Inc, New Jersey USA


DEPARTMENT OF ZOOLOGY

Certificate course on Wildlife Biology

List of Students

2017-2018	
Sl.No.	Student Name
1	ACSA GEORGE
2	AJIMOL THANKAPPAN
3	ANJU PAUL
4	ANN MARY SUNNY
5	ANSU K ELDHOSE
6	ELIZABETH ATHULYA DALBY
7	HARIPRIYA K.S.
8	MEENU BABU
9	MINUMOL JOHNSON
10	NAYAN ROSE JOHNSON
11	RESHMA R.
12	RINSHA. P. M
13	SRUTHY K LINZY

2018 - 2019	
SI No.	Student Name
1	AKHILA BABURAJ
2	ALPHIN ROSE MATHEW
3	AMALA THOMAS
4	ANCY STEPHEN
5	ANITTA SUNNY
6	ARYA PEETHU
7	ASHITHA.K.K.
8	ASHNA AUGUSTINE
9	DEEPA. K.R
10	FATHIMA A
11	JOSMY JOSEPH
12	LAKSHMI RAMESH
13	PREETHI K PAULOSE
14	SURYA V S
15	SWATHI K


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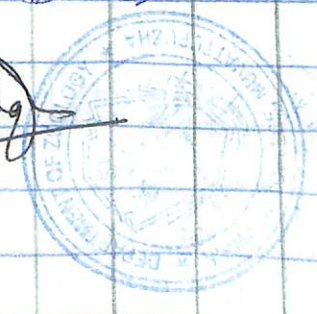


BATCH 2017-2018

Sl no	REG. NO.	NAME	16/11/17	17/11/17	20/11/17	21/11/17	22/11/17	23/11/17	24/11/17	27/11/17	28/11/17	29/11/17	30/11/17	01/12/17	04/12/17	05/12/17	06/12/17	07/12/17	08/12/17	11/12/17	12/12/17	13/12/17	14/12/17	Assign	Test 1	Test 2	Consolidated
1	5101	Acsa George	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.6	3.0	3.43	3.34
																								A	B	B	B
2	5102	Ajimal Thankappan	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.5	2.65	3.43	3.19
																								A	B	B	B
3	5103	Anju Paul	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.7	3.3	4.0	3.66
																								A	B	A	A
4	5104	Annamary Sunny	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.6	3.1	3.4	3.36
																								A	B	B	B
5	5105	Ansu k Eldhose	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.6	3.4	3.6	3.53
																								A	B	A	A
6	5106	Elizabeth Athulya Dalby	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.6	2.6	3.66	3.28
																								A	B	A	B
7	5107	Haripriya K S	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.7	3.5	3.76	3.65
																								A	A	A	A
8	5108	Meenu Babu	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.6	3.5	3.8	3.63
																								A	A	A	A
9	5109	Minamol Johnson	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.8	3.2	3.6	3.53
																								A	B	A	A
10	5110	Nayan Rose Johnson	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.8	2.9	3.6	3.43
																								A	B	A	B
11	5111	Reshma R	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.4	3.25	3.8	3.48
																								B	B	A	B
12	5112	Rinsha P M	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.4	2.5	3.1	3
																								B	B	B	B
13	5114	Sruthy k Linzy	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	abs	3.6	3.15	3.6	3.45
																								A	B	A	B

HEAD OF THE DEPARTMENT
P.G. Dept. of Zoology
Nirmala College, Muvattupuzha

[Signature]



CERTIFICATE COURSE IN WILDLIFE BIOLOGY

BATCH 2018-2019

Sl No.	REG. No.	NAME	22/6/2018	25/6/2018	26/6/2018	27/6/2018	28/6/2018	29/6/2018	5/7/2018	18/7/2018	19/7/2018	20/7/2018	23/7/2018	24/7/2018	3/8/2018	10/8/2018	13/8/2018	14/8/2018	29/8/2018	30/8/2018	31/8/2018	1/9/2018	3/9/2018	4/9/2018	5/9/2018	6/9/2018		
1.	7802	Akhila Baburaj	A	A	A	a	A	A	a	a	A	A	A	A	A	a	A	A	a	A	A	A	a	A	A	A	A	
2.	7803	Aphin Rose Matha	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	a	
3.	7804	Amala Thomas	A	A	A	A	A	A	A	A	A	A	A	a	A	a	A	A	A	A	A	A	A	A	A	A	A	A
4.	7805	Ancy Stephen	A	A	A	A	A	A	A	A	A	A	A	a	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5.	7806	Anitta Sunny	A	A	A	a	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
6.	7807	Anya Peethu	A	A	A	A	A	A	A	A	A	A	A	A	a	A	A	A	A	A	A	A	A	A	A	A	A	A
7.	7808	Ashitha K.K.	A	A	A	A	A	A	A	A	A	2	2	A	A	A	2	A	A	A	A	A	A	A	A	A	A	A
8.	7809	Ashna Augustne	A	A	A	A	A	A	A	A	A	A	A	A	A	a	A	A	A	A	A	A	A	A	A	A	A	A
9.	7810	Deepa K.R.	A	A	A	A	A	A	A	A	A	A	A	A	A	a	A	A	A	A	A	A	A	A	A	A	A	A
10.	7811	Fathima A.	a	A	A	A	A	A	A	A	A	A	A	A	A	a	A	A	A	A	A	A	A	A	A	A	A	A
11.	7812	Josmy Joseph	A	A	A	a	A	A	A	A	A	A	A	A	A	a	A	A	A	A	A	A	A	A	A	A	A	A
12.	7813	Lakshmi Ramesh	A	A	A	A	A	A	A	A	A	A	A	a	A	a	A	A	A	A	A	A	A	A	A	A	A	A
13.	7814	Preethy K. Paulose	A	A	A	a	A	A	A	A	A	A	A	A	a	a	A	A	A	A	A	A	A	A	A	A	A	A
14.	7815	Surya V.S.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
15.	7816	Swathi K.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	a	a	A	A	A	A	A	A	A	A



Sl No.	REG. No.	NAME	7/9/2018	12/9/2018	17/9/2018	18/9/2018	19/9/2018	25/9/2018	26/9/2018	27/9/2018	28/9/2018	29/9/2018	1/10/2018	3/10/2018	4/10/2018	5/10/2018	6/10/2018	Assign.	Test 1	Test 2	Consolidated
1.	7802	Akhila Babusaj	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.8	3.2	3.7	3.56
																		A	B	A	A
2.	7803	Alphin Rose Mathew	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.4	3.4	2.8	3.2
																		B	B	B	B
3.	7804	Amala Thomas	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.6	2.6	2.56	2.92
																		A	B	B	B
4.	7805	Ancy Stephen	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.4	3.15	2.53	3.03
																		B	B	B	B
5.	7806	Anitta Sunny	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.4	2.65	1.8	2.6
																		B	B	C	B
6.	7807	Anya Peethu	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.6	2.95	3.9	3.48
																		A	B	A	B
7.	7808	Ashitha K.K.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.4	2.7	1.86	2.65
																		B	B	C	B
8.	7809	Ashna Augustine	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.8	2.9	3.70	3.46
																		A	B	A	B
9.	7810	Deepa K.R.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.5	3.0	2.23	2.91
																		A	B	C	B
10.	7811	Fathima A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.7	3.5	3.56	3.58
																		A	A	A	A
11.	7812	Josmy Joseph	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.5	3.1	2.4	3.0
																		A	B	B	B
12.	7813	Lakshmi Ramesh	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.5	2.75	3.5	3.25
																		A	B	A	B
13.	7814	Preethy K. Paulose	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.7	3.7	3.4	3.5
																		A	A	B	A
14.	7815	Sugya V.S.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.7	3.2	3.7	3.53
																		A	B	A	A
15.	7816	Swathi K.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	3.4	2.9	1.83	2.71

HEAD OF THE DEPARTMENT
P.G. Dept. of Zoology
Nimila College, Muvattupuzha

(Signature)

CERTIFICATE COURSE IN WILDLIFE BIOLOGY

Assessment Report

A minimum of 75% attendance is compulsory for the course. Assessment was done in the form of two tests and an assignment/ viva based on the field study. A 4-point grading system was adopted for the valuation and a final grade was calculated by compiling the grade points of the tests and assignment/ viva based on the following tables.

Grade	Grade point
A	3.5-4.0
B	2.5-3.49
C	1.5-2.49
D	0.5-1.49
E	Less than 0.5

This final grade was mentioned in the certificate issued to the students.


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CERTIFICATE COURSE IN WILDLIFE BIOLOGY

Summary Report – 2017-18

The Certificate Course in Wildlife Biology commenced in the year 2017 to impart an interest in students about wildlife resources, management and its conservation. The course consists of a 30 hour theory syllabus and a field visit to any wildlife protected area. 13 students enrolled for the course in the year 2017-18. The course commenced on 3rd October 2017. They were taken for field study to Anamudi Shola National Park on 15th January 2018. All the 13 students successfully completed the course out of which 5 students secured overall A grade and 8 students secured B grade. The course certificates were issued on 12th March 2018.




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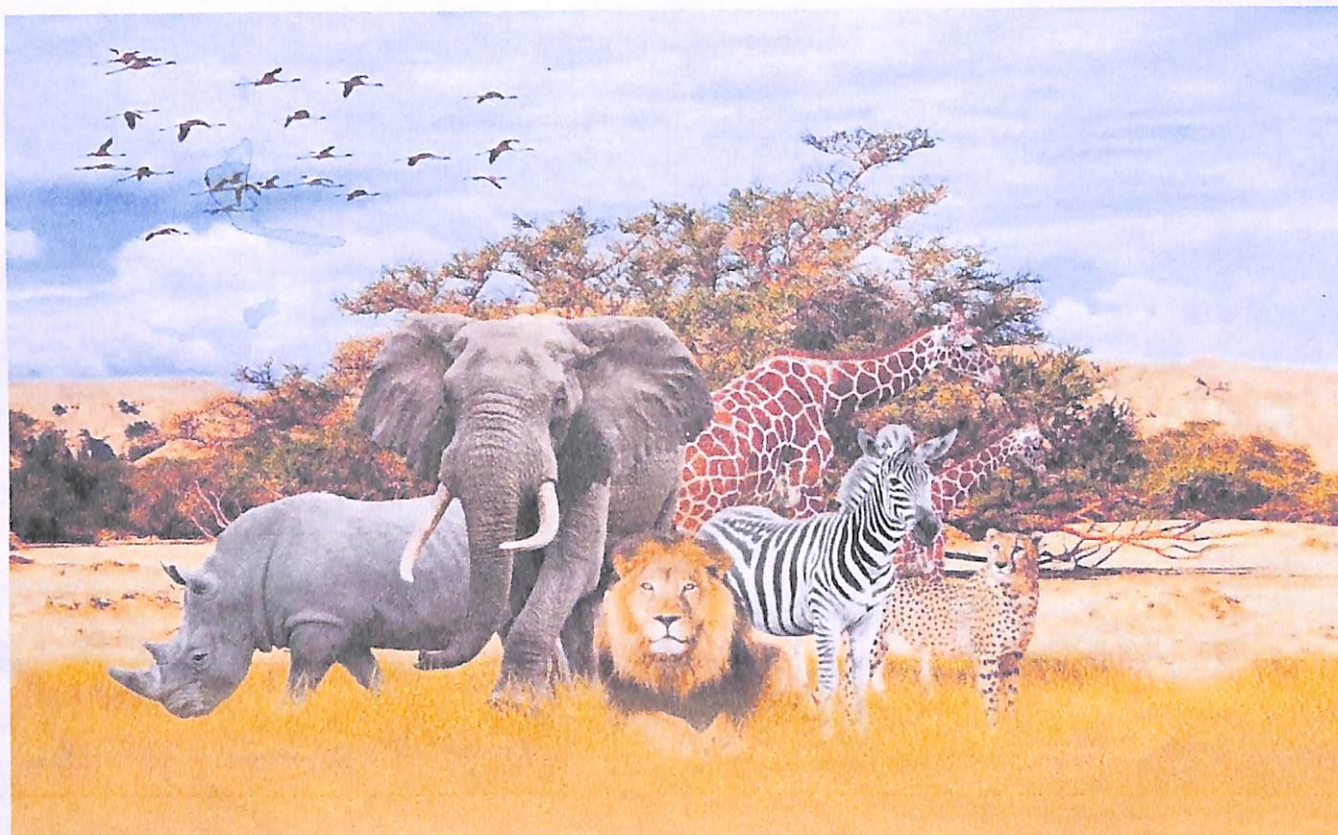
CERTIFICATE COURSE IN WILDLIFE BIOLOGY

Summary Report – 2018-19

The Certificate Course in Wildlife Biology commenced in the year 2017 to impart an interest in students about wildlife resources, management and its conservation. The course consists of a 30 hour theory syllabus and a field visit to any wildlife protected area. 15 students enrolled for the course in the year 2018-19. The course commenced on 9th January 2018. They were taken for a field study to Paruthumpara, Rameshwaram and Thekkadi on 13th September 2018. All the 15 students successfully completed the course out of which 4 students secured overall A grade and 11 students secured B grade. The course certificates were issued on 6th March 2019.


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**P.G. & RESEARCH DEPARTMENT OF ZOOLOGY
NIRMALA COLLEGE, MUVATTUPUZHA**

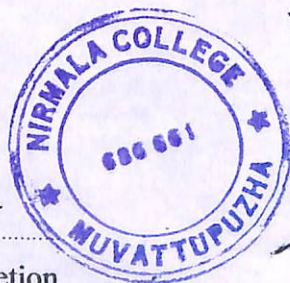
Certificate

..MEENU BABU..... of.....IInd.....M.Sc ZOOLOGY

has successfully completed the **Certificate course on Wildlife Biology**
conducted by the Department of Zoology, Nirmala College, Muvattupuzha
withA.... Grade.

12.03.2018

Date of Completion



Course Coordinator

HOD





NIRMALA COLLEGE MUVATTUPUZHA
DEPARTMENT OF ZOOLOGY

CERTIFICATE COURSE

WILD LIFE BIOLOGY

Staff Coordinator:
Dr. GIGI K. JOSEPH
ASSISTANT PROFESSOR
MOB: 9447432891

03
OCTOBER
2017

Deptal staff meeting

Date - 13/12/17

Time - 3.45 - 5.00 pm

Minutes of the previous meeting was read & passed.
agenda - Evaluation of National seminar -
Faculty discussed the following:-
• Introduction of certificate course -
II Batch

Evaluation of the conduct of national seminar:
congratulated all teachers & students who
took part in the conduct of N. seminar

Discussions on the new batch for the
"wildlife biology" certificate course on

To give all the library books to the
main library.
price of certain books was given to
the librarians.

To purchase equipments & books under
star college scheme.

To submit all documents for the NAAC
Final degree study tour was evaluated.

Results of 1st sem UG was analysed.
To conduct peer teaching for 2nd sem UG.

Sanction from chief wild life warden
for conducting project work at Anamudi.
Shola National park was obtained.

Teachers present

1. Dilmol Varghese
2. Giji K. Joseph
3. Ambily Elizabeth
4. Vinod K.V
5. Anu B. Karjivalath
6. Aya

Deptal staff meeting

Date - 08/02/18

Time - 9.15 am

Minutes of the previous meeting was read & passed.

① Faculty discussed the following matters
about the inauguration of research centre
in Zoology.

- Brochure to distribute to all dept
- Invite all deans
- Arrange programmes
- To buy memento for resource person.

Inauguration by Dr. Abdul Assis - Former VC, CUSAT
presidential address - Msgr. Christian Karjivalath
Keynote address - Dr. David Banji, principal, pharmacy
College
Former

Former deans of the dept are invited.

② V2 project work at Anamudi Shola national
park from 15th January to 30th January
was completed. Identification of specimens
is yet to be completed.

③ New guest lecturer Ms. Binny Edsa Babu joined
Teachers present.

- Prof. Dilmol Varghese
- Dr. Giji K. Joseph
- Dr. Anu Kurian
- Ms. Ambily Elizabeth George
- Dr. Vinod K.V
- Ms. Anu B. Karjivalath
- Ms. Aya m.s
- Ms. Binny Edsa Babu

